



## **XM156 Class I Block 0 Unmanned Aerial System (UAS)**



The Class I Block 0 Unmanned Aerial System (UAS) provides the dismounted Soldier with Reconnaissance, Surveillance and Target Acquisition (RSTA) at the platoon and squad level. Estimated to weigh 40 pounds, the air vehicle operates in complex urban and wooded terrains with a vertical take-off and landing capability. The Class I Block 0 also features a 10 Hp heavy fuel engine and an Electro-Optical / Infrared / Laser Designator / Laser Range Finder payload.



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### **What does the system bring to the Battlefield?**

- The Class I Block 0 UAS is man packable and provides the ground Soldier with Reconnaissance, Surveillance and Target Acquisition (RSTA).
- Uses autonomous flight and navigation, but it will interact with the network and Soldier to dynamically update routes and target information.
- Provides dedicated reconnaissance support and early warning to the lowest echelon on the Brigade Combat Team in environments not suited for larger assets.
- Maintains a constant surveillance capability enabling observation of urban infrastructure.

### **What does the system bring to the Warfighter?**

The Class I Block 0 system maintains a constant surveillance capability that is not currently available in the current Army UAS inventory for urban and remote surveillance. The Class I Block 0 system also fills known gaps that exist in force operations, such as:

- Protect Force in Counterinsurgency (COIN) Operations
- Soldier Protection in COIN environment
- Ability to Conduct Joint Urban Operations
- Enhanced ISR/RSTA Capabilities
- Constant Surveillance Operations

### **Planned Fielding Schedule:**

The Class I Block 0 is part of the Early Infantry Brigade Combat Team (E-IBCT) modernization effort and will be fielded in 2011.

